

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Potassium bromide, reagent grade, 99.0%

ITEM NUMBER: P116270  
BRAND: Aladdin  
CAS NUMBER: 7758-02-3  
MDL NUMBER: MFCD00011358  
FORMULA: KBr  
MOLECULAR WEIGHT: 119.00

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(Al)Aluminum	0 %	0.0005 %	0.0005 %
(Ba)Barium	0 %	0.002 %	0.002 %
(Cu)Copper	0 %	0.0005 %	0.0005 %
Ammonia (NH <sub>4</sub> )	0 %	0.05 %	0.05 %
Appearance	White to Off-White Powder or Crystals		
Calcium	0 %	0.05 %	0.05 %
Chloride(Cl)	0 %	0.2 %	0.2 %
insoluble matter	0 %	0.005 %	0.005 %
Iron(Fe)	0 %	0.0005 %	0.0005 %
Lead (Pb)	0 %	0.001 %	0.001 %
Magnesium (Mg)	0 %	0.0005 %	0.0005 %
Phosphorus (P)	0 %	0.0005 %	0.0005 %
Purity(Titration by AgNO <sub>3</sub> )	99 %	100.5 %	100.5 %
Sodium(Na)	0 %	0.3 %	0.3 %
Solubility	Colorless, Clear, 1 M in H <sub>2</sub> O		
Sulfate	0 %	0.005 %	0.005 %
X-Ray Diffraction	Conforms to Structure		
Zinc (Zn)	0 %	0.0005 %	0.0005 %